

Amendments to the Claims:


The listing of claims will replace all prior version, and listings of claims in the application.

Listing of Claims:

Claims 1-7 (canceled).

Claim 8 (withdrawn).

Claims 9-16 (canceled).

 Claim 17 (currently amended): A method of controlling insects comprising the step of:

(a) providing a food-grade insecticidal composition comprising an amount of D-limonene sufficient to provide insect control, a non-toxic hydrophilic solvent, an amount of a non-toxic emulsifying agent sufficient to solubilize D-limonene in said non-toxic hydrophilic solvent, wherein the emulsifying agent is non-toxic to humans;

(b) applying the insecticidal composition of claim 1 paragraph (a) to one selected from the group consisting of an insect, an insect trail, an insect nest, a building surface, a building perimeter, and a plant.

Claim 18 (original): The method of claim 17 wherein said insects to be controlled are on plants.

Claim 19 (original): The method of claim 18 wherein said plants are selected from the group consisting of rose bushes and ornamentals.

Claim 20 (currently amended): A method of treating a human infected with lice comprising the steps of:

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(a) providing a food-grade insecticidal composition comprising an amount of D-limonene sufficient to provide insect control, a non-toxic hydrophilic solvent, an amount of a non-toxic emulsifying agent sufficient to solubilize D-limonene in said non-toxic hydrophilic solvent, wherein the emulsifying agent is non-toxic to humans;

(b) applying the composition of claim 1 paragraph (a) to a portion of the human infected with the lice, allowing said composition to remain on the infected portion for a period of time and removing said composition.

Claim 21 (original): A food-grade insecticidal composition comprising about 0.7% to about 1.5% by weight of D-limonene, about 1% to about 25% by weight of a castor oil and about 98% to about 55% by weight of a non-toxic hydrophilic solvent.

Claim 22 (original): The insecticidal composition according to claim 21 further comprising an amount of at least one food-grade preservative sufficient to extend the effectiveness of the insecticidal composition.

Claim 23 (original): The insecticidal composition according to claim 22 comprising about 0.01 % to about 5 % by weight of said preservative.

Claim 24 (original): The insecticidal composition according to claim 21 comprising about 0.775 % D-limonene.

Claim 25 (original): A method of eradicating fire ants, comprising:

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applying a formulation to an area to be eradicated of fire ants, wherein said formulation consists essentially of about 0.7 % to about 1.5 % D-limonene, about 1 % to about 25 % by weight of an emulsifying agent, and about 98 % to about 55 % by weight of a non-toxic hydrophilic solvent; and

allowing said formulation to remain in contact with said area for a suitable period of time to eradicate said fire ants.

Claim 26 (original): A method of eradicating fire ants, comprising:

applying a formulation to an area to be eradicated of fire ants, wherein said formulation consists essentially of about 0.7 % to about 1.5 % D-limonene, about 1 % to about 25 % by weight of an emulsifying agent, about 98 % to about 55 % by weight of a non-toxic hydrophilic solvent, and about 0.01 % to about 5 % by weight of a food-grade preservative ; and

allowing said formulation to remain in contact with said area for a suitable period of time to eradicate said fire ants.